

## WHAT IS CLAIMED IS:

1. A detachable power supply apparatus for an  
5 appliance comprising:

10 a temperature control device for electrical connection  
to the appliance, said temperature control device having a  
first member, said first member extending outwardly from a  
first side of said temperature control device, said  
temperature control device having a conductor being on said  
first side, said temperature control device having a probe  
on a second side being opposite said first side; and

15 a power supply cord having a female electrical  
connector at a power supply first end, said female  
connector connecting to said conductor, said female  
connector being connectable to a power supply to supply  
power to said female connector and to said conductor, said  
20 power supply cord having a second member on said power  
supply first end, wherein said first member selectively  
fastens to said second member so that upon application of a  
force upon said power supply cord said first member  
disengages said second member without disturbing a position  
25 of the appliance.

2. The detachable power supply apparatus of claim 1,  
wherein said first member is a bulbous member having a stem  
connected to a spherical portion.

3. The detachable power supply apparatus of claim 1, wherein said second member is a clip having a stem connected to a clasping portion.

5 4. The detachable power supply apparatus of claim 1, wherein said temperature control device has a plurality of first members, each of said plurality of first members being bulbous members and having a stem and a spherical portion, said plurality of first members extending from 10 said first side, said power supply cord having a plurality of clips, each of said plurality of clips having a stem portion and a clasping portion, each clasping portion selectively engaging each spherical portion of said plurality of first members for connecting said power supply 15 cord to said temperature control device.

5. The detachable power supply apparatus of claim 4, wherein said plurality of first members are between a plurality of conductors on said first side.

20 6. The detachable power supply apparatus of claim 4, wherein said plurality of clips are disposed between a plurality of female electrical connectors on said power supply cord.

25 7. The detachable power supply apparatus of claim 4, wherein each of said plurality of clips have a shape selected from the group consisting of "C" shaped, "T" shaped, "Y" shaped, "V" shaped, "U" shaped, and any 30 combinations thereof.

8. The detachable power supply apparatus of claim 4, wherein said plurality of first members and said plurality of clips disengage upon application of a desired force.

5 9. The detachable power supply apparatus of claim 1, wherein said probe selectively connects to a port of the appliance, said temperature control device having a thermostat electrically connected to said probe, said temperature control device controlling an operating  
10 temperature of the appliance.

10. The detachable power supply apparatus of claim 9, wherein said temperature control device has a dial, said dial controlling said operating temperature of the  
15 appliance.

11. A detachable power supply apparatus for an appliance comprising:

20 a temperature control device having a first side and a second side, said second side being opposite said first side, said temperature control device being electrically connected to the appliance, said temperature control device having a probe, said probe extending outwardly from said  
25 first side, a conductor being on said second side; and

a power supply cord having a third side and a fourth side, said third side being opposite said fourth side, said power supply cord having a second conductor at said fourth  
30 side to connect to a power supply, said power supply cord having a female connector at said third side for connecting

to said first conductor, wherein said second side removable connects to said third side.

12. The detachable power supply apparatus of claim  
5 11, wherein said second side removably connects to said third side by a mechanical fastener.

13. The detachable power supply apparatus of claim  
12, wherein said second side has a male member and said  
10 third side has a female member, said male member being  
removably engageable in said female member.

14. The detachable power supply apparatus of claim  
13, wherein said male member is a catch pin.

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15. The detachable power supply apparatus of claim  
13, wherein said female member is a spring clip.

16. The detachable power supply apparatus of claim  
20 14, wherein said spring clip has a size that is  
complementary to a size of said catch pin.

17. The detachable power supply apparatus of claim  
11, wherein said conductor is engageable with said female  
25 connector so that said temperature control device receives  
power from said power supply.

18. A detachable power supply apparatus for an  
appliance comprising:

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a first electrical component having a first side and a  
second side, said second side being opposite said first

side, said first electrical component being electrically connected to the appliance by a first conductive member on said first side, said first electrical component having a second conductive member being on said second side; and

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a second component having a third side and a fourth side, said third side being opposite said fourth side, said second component having a third conductive member connected to a power source at said third side, said second component having a fourth conductive member at said fourth side, wherein said first electrical component has a bulbous catch pin at a first location of said second side, and wherein said second component has a clip at a second location on said fourth side, said first location being complementary to said second location so that said clip releasably engages said bulbous catch pin and releases said bulbous catch pin upon an application of a force upon said second component so that a location of the appliance is not disturbed.

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19. The detachable power supply of claim 18, wherein when said clip releaseably engages said bulbous catch pin power traverses from said power source to said first electrical component, and wherein power does not traverse from said power source to said first electrical component when said clip releaseably disengages said bulbous catch pin.

20. The detachable power supply of claim 18, wherein said clip is a spring clip, said spring clip being substantially "C" shaped.